ExxonMobil Label-Lyte™ 18LL-101 OPP Film

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

Material Notes:

Product Description: A clear, one-side treated, polypropylene film that is designed to provide exceptional clarity and print protection when used as overlaminates in pressure-sensitive labeling applications. This film is formulated with a proprietary non-migratory slip system. The treated clear layer provides excellent anchorage to most adhesives and is the intended print and laminating surfaces.Availability: Latin America, North America and South AmericaKey Features: Outstanding clarity and glossExcellent ink adhesion with most solvent-based and water-water-based ink systemsExcellent bond strength with most laminating adhesivesApplications:Beverage, CarbonatedBeverage, Mineral WatersDairy ProductsDry Foods and Beverage Powders Uses: Pressure Sensitive Labels Processing Method: Outer Web Adhesive Lamination, Solvent Flexographic Printing, Solvent Rotogravure Printing, Surface Print Unsupported and Water-based Flexographic PrintingInformation provided by ExxonMobil

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Label-Lyte-18LL-101-OPP-Film.php

Physical Properties	Metric	English	Comments
Thickness	17.8 microns	0.700 mil	ExxonMobil Method
Coating Weight	15.7 g/m²	9.80 lb/ream	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	162 %	162 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Elongation at Break, TD	47 %	47 %	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Coefficient of Friction	0.20	0.20	Machinable; ExxonMobil Method
Film Tensile Strength at Break, MD	138 MPa	20000 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method
Film Tensile Strength at Break, TD	296 MPa	42900 psi	20 in/min, 2.0 in Jaw Separation; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Shrinkage, MD	5.5 % @Temperature 135 °C	5.5 % @Temperature 275 °F	ExxonMobil Method
Shrinkage, TD	6.0 % @Temperature 135 °C	6.0 % @Temperature 275 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.8 %	1.8 %	ExxonMobil Method

Optical Properties	Metric	English	Comments
Gloss	45	45	45° Machinable Surface; ExxonMobil Method

Descriptive Properties	Value	Comments
Wetting Tension	0.85 receding cos theta	Print Surface
Yield	44000 in^2/lb	

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